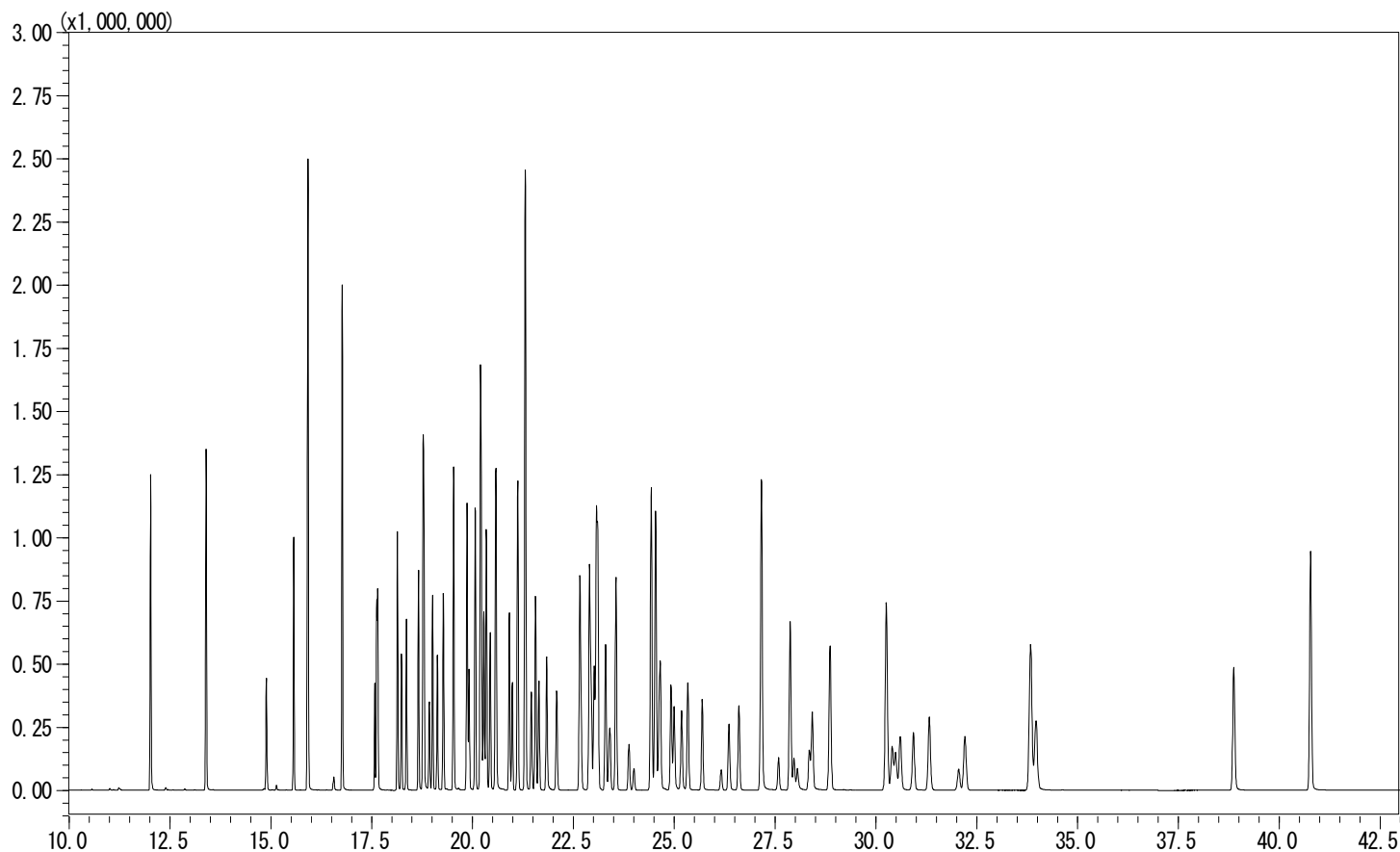


InertSearch™ for GC

InertCap® Applications

Pesticides

Data No. GA220-0904



Conditions

System : GC-MS
Column : InertCap 5MS/NP
0.25 mm I.D. x 30 m df = 0.25 μ m
Col. Cat. No. : 1010-18642
Col. Temp. : 50 °C (3 min hold) - 10 °C/min - 200 °C - 3 °C/min
- 230 °C (5 min hold) - 5 °C/min - 280 °C (2 min hold)
Carrier Gas : He 40 cm/sec
Injection : Splitless 2 min
250 °C
Detection : MS SIM
Interface Temp. 280 °C
Sample Size : 1 μ g/mL in Dichloromethane
2.0 μ L

※ Internal standard substances were contained 0.2 μ g/mL, respectively.

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InertCap® Applications

Pesticides

Data No. GA220-0904

Analyte :

No.	Compound name	RT (min)	No.	Compound name	RT (min)
1	Dichlorvos	12.023	44	Captan	22.961
2	Dichlobenil	13.399	45	Isofenphos	23.028
3	Etridiazole	14.898	46	Dimepiperate	23.087
4	Chloroneb	15.569	47	Phenthoate	23.114
5	Isoprocarb	15.921	48	Procymidone	23.306
6	Molinate	15.921	49	Butamifos Oxon	23.412
7	Fenobucarb	16.769	50	Methidathion	23.565
8	Trifluralin	17.580	I.S.2	9-Bromoanthracene	23.883
9	Benfluralin	17.635	51	α -Endosulfan	24.016
10	Pencycuron	17.646	52	Napropamide	24.440
11	Dimethoate	18.141	53	Butamifos	24.447
12	Simazine	18.246	54	Flutolanil	24.553
13	Atrazine	18.367	55	Isoxathion Oxon	24.646
14	Diazinon Oxon	18.665	56	Isoprothiolane	24.679
15	Pyroquilon	18.783	57	Pretilachlor	24.937
16	Propyzamide	18.801	58	MPP Oxon Sulfoxide	25.004
I.S.1	Anthracene- <i>d</i> 10	18.941	59	MPP Oxon Sulfone	25.196
17	Diazinon	19.016	60	Buprofezin	25.345
18	Ethylthiomethon	19.140	61	Isoxathion	25.712
19	Chlorothalonil	19.279	62	β -Endosulfan	26.175
20	Iprobenfos	19.538	63	MPP Sulfoxide	26.367
21	Tolclofos-methyl Oxon	19.869	64	MPP Sulfone	26.620
22	MEP Oxon	19.922	65	Mepronil	27.171
23	Bromobutide	20.075	66	Chlornitrofen	27.590
24	Malaoxon	20.207	67	Edifenphos	27.878
25	Terbucarb	20.214	68	Benzoepin Sulfate	27.980
26	Simetryn	20.287	69	Propiconazole-1	28.077
27	Tolclofos-methyl	20.353	70	Propiconazole-2	28.379
28	Alachlor	20.446	71	EPN Oxon	28.447
29	Metalaxyl	20.585	72	Thenylchlor	28.886
30	MPP Oxon	20.585	73	Pyributicarb	30.259
31	Dithiopyr	20.917	74	Iprodione	30.424
32	Fenitrothion	20.990	I.S.3	Chrysene- <i>d</i> 12	30.508
33	Esprocarb	21.123	75	Pyridaphenthion	30.630
34	Malathion	21.315	76	EPN	30.945
35	Thiobencarb	21.321	77	Piperophos	31.344
36	Chlorpyrifos Oxon	21.461	78	Bifenox	32.071
37	Fenthion	21.573	79	Anilofos	32.236
38	Chlorpyrifos	21.660	80	Pyriproxyfen	33.869
39	Isofenphos Oxon	21.845	81	Mefenacet	33.979
40	Fthalide	22.091	82	Cafenstrole	38.897
41	Dimethametryn	22.676	83	Ethofenprox	40.786
42	Pendimethalin	22.696			
43	Methyldymron	22.915			